	Document ID	Issue Date	Pages	Title	Current OR
1	US 20060291428 A1	20061228	21	Adaptive multi-channel modem	370/335
2	US 20060067278 A1	20060330	24	Communication system using OFDM for one direction and DSSS for another direction	370/335
3	US 20060013168 A1	20060119	23	Coding and modulation for broadcast and multicast services in a wireless communication system	370/335
4	US 20050249177 A1	20051110	11	Hybrid wireless communications system	370/342
5	US 20050030926 A1	20050210	15	Pilot signal enhancements for a wireless communication system	370/335
6	US 20040252667 A1	20041216	21	Receivers for receiving multi-carrier orthogonally coded signals	370/335
7	US 20040184411 A1	20040923	13	Path searching circuit, path searching method, and path searching program in a CDMA communication system	370/252
8	US 20040085892 A1	20040506	20	Multiple-access hybrid OFDM-CDMA system	370/208
9	US 20030185176 A1	20031002	37	Noise analysis in a communication system	370/335
10	US 20030152023 A1	20030814	23	Orthogonal frequency division multiplexing system with differing control parameters corresponding to different data points in a single symbol	370/208
11	US 20030128678 A1	20030710	22	Method and apparatus for performing frequency tracking based on diversity transmitted pilots in a CDMA communication system	370/335
12	US 20030086396 A1	20030508	18	Method and apparatus for searching for pilots over code space in a CDMA communication system	370/335

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3		Agrawal; Avneesh et al.
4	370/335	Huo, David D. et al.
5	370/342	Qian, Feng et al.
6	370/342	Dent, Paul W.
7	370/335	Tamura, Koichi
8	370/335	Walton, Jay R. et al.
9	370/203	Lusky, Itay et al.
10	370/342	Hosur, Srinath et al.
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14	US 20030067898 A1	20030410	21	Method and apparatus for acquiring pilots over code space and frequency errors in a CDMA communication system	370/335
15	US 20030043768 A1	20030306	30	Frequency offset correction circuit for WCDMA	370/335
16	US 20030002454 A1	20030102	12	Pilot channel power measurement means for a mobile station in asynchronous CDMA communication system	370/328
17	US 20020181391 A1	20021205	15	Systems and methods for selecting a cell in a communications network	370/210
18	US 20020159422 A1	20021031	22	Communication system using OFDM for one direction and DSSS for another direction	370/342
19	US 7184791 B2	20070227	16	Methods, receivers, and computer program products for determining transmission power control commands using biased interpretation	455/522
20	US 7106781 B2	20060912	162	Highly bandwidth-efficient communications	375/141

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14	370/342	Challa, Raghu et al.
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16	370/335; 370/342	Lee, Kyung-Ha et al.
17	370/342	Wang, Yi-Pin Eric
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19	370/267; 370/318; 370/320; 370/331; 370/335; 370/342; 375/340; 375/347; 455/127.5; 455/435.1; 455/436; 455/452.1; 455/550.1; 455/63.1; 455/69; 455/70	Nilsson; Johan et al.
20	370/342	Agee; Brian G. et al.

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21	US 7072324 B1	20060704	22	Device and method for providing time switched transmission diversity in mobile communication system	370/342
22	US 6985516 B1	20060110	35	Method and apparatus for processing a received signal in a communications system	375/150
23	US 6985432 B1	20060110	32	OFDM communication channel	370/203
24	US 6904030 B2	20050607	11	Pilot channel power measurement means for a mobile station in asynchronous CDMA communication system	370/335
25	US 6901062 B2	20050531	16	Adaptive antenna array wireless data access point	370/335
26	US 6813478 B2	20041102	20	Method and apparatus for searching a gated pilot	455/67.14
27	US 6795488 B1	20040921	79	Spread spectrum communication apparatus	375/148
28	US 6728203 B2	20040427	14	Systems and methods for selecting a cell in a communications network	370/210
29	US 6728202 B1	20040427	12	Code division multiplex satellite broadcasting system	370/208

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22	370/335; 370/441; 375/136; 375/137	Easton; Kenneth D. et al.
23	370/206; 370/342; 370/480; 375/222; 375/375	Hadad; Zion
24	370/342; 375/299	Lee; Kyung-Ha et al.
25	342/165; 342/372; 342/375; 370/328; 455/137; 455/440; 455/562.1	Scherzer; Shimon B. et al.
26	370/342; 370/491	Glazko; Serguei A. et al.
27	370/342	Iwakiri; Naohiko
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31	US 6680928 B1	20040120	20	Communications system and method for multi-carrier orthogonal coding	370/342
32	US 6671250 B1	20031230	15	Method for deep paging	370/209
33	US 6625197 B1	20030923	28	Method and apparatus for multipath demodulation in a code division multiple access communication system	375/130
34	US 6594286 B2	20030715	17	Method and apparatus for coherent demodulation in communication system employing a potentially gated pilot signal	370/529
35	US 6512751 B1	20030128	25	Method and system protocols for providing voice, data, and multimedia services in a wireless local loop system	370/329

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31	370/208; 370/335; 455/63.1	Dent; Paul W.
32	370/335; 370/342; 370/441	Schiff; Leonard N.
33	370/208; 370/342; 375/136; 375/147	Lundby; Stein et al.
34	370/342; 375/326; 375/344	Chen; Tao et al.
35	370/335	Struhsaker; Paul F. et al.

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37	US 6466566 B1	20021015	38	Low complexity adaptive interference mitigating CDMA detector	370/342
38	US 6434129 B1	20020813	34	Method and system for an air interface for providing voice, data, and multimedia services in a wireless local loop system	370/329
39	US 6414985 B1	20020702	27	Method for determining reference phase in radio communication system which uses orthogonal M-ary modulation, and coherent detection method using the same	375/142
40	US 6396867 B1	20020528	21	Method and apparatus for forward link power control	375/141
41	US 6389060 B1	20020514	14	CDMA receiver	375/130
42	US 6377613 B1	20020423	29	Communication apparatus for code division multiple accessing mobile communications system	375/142
43	US 6359923 B1	20020319	244	Highly bandwidth efficient communications	375/130
44	US 6351456 B1	20020226	33	Method and system for an air interface for providing voice, data, and multimedia services in a wireless local loop system	370/280
45	US 6266365 B1	20010724	15	CDMA receiver	375/150
46	US 6229798 B1	20010508	14	Receiving unit, receiving method and terminal unit for use with radio system	370/342

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37	375/144; 375/148	De Gaudenzi; Riccardo et al.
38	370/335; 370/338; 370/468	Struhsaker; Paul F. et al.
39	370/335	Furukawa; Hideto et al.
40	370/342	Tiedemann, Jr.; Edward G. et al.
41	370/335; 370/342; 375/140	Naruse; Tetsuya
42	370/342; 370/441; 370/479; 370/532; 370/537; 375/143; 375/150; 375/152; 375/267; 375/343	Kawabe; Manabu et al.
43	370/342; 375/135; 375/136	Agee; Brian G. et al.
44	370/342; 370/470; 370/474	Struhsaker; Paul F. et al.
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48	US 6188715 B1	20010213	17	Frequency hopping system for intermittent transmission with receiver using individual tracking, FFT, and authentication	375/134
49	US 6148042 A	20001114	20	Coherent signal processing for CDMA communication system	375/340
50	US 6134260 A	20001017	14	Method and apparatus for frequency acquisition and tracking for DS-SS CDMA receivers	375/130
51	US 6134215 A	20001017	17	Using orthogonal waveforms to enable multiple transmitters to share a single CDM channel	370/209
52	US 6122311 A	20000919	15	Demodulating method and apparatus, receiving method and apparatus and communication apparatus	375/147
53	US 6115370 A	20000905	33	Method and system for protocols for providing voice, data, and multimedia services in a wireless local loop system	370/342
54	US 6108370 A	20000822	23	Receiving apparatus, receiving method, and terminal unit for use with radio system	375/150
55	US 6067315 A	20000523	14	Method and apparatus for coherently-averaged power estimation	370/252
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49	370/335	Zehavi; Ephraim et al.
50	370/335; 375/150; 375/152; 375/355	Bottomley; Gregory E. et al.
51	370/342; 370/479	Agrawal; Avneesh et al.
52	370/342; 375/141	Watanabe; Nobuhiko et al.
53	370/350	Struhsaker; Paul F. et al.
54	370/335; 375/147	Naruse; Tetsuya
55	370/209; 370/320; 370/335; 370/342; 375/335; 375/344	Sandin; Tomas
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58	US 5767738 A	19980616	12	Apparatus and method for demodulating a modulated signal	329/304
59	US 5764687 A	19980609	26	Mobile demodulator architecture for a spread spectrum multiple access communication system	375/147
60	US 5715235 A	19980203	15	Communication system capable of performing FDMA transmission	370/206
61	US 5638362 A	19970610	19	Correlation detector and communication apparatus	370/342
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64	US 5490165 A	19960206	32	Demodulation element assignment in a system capable of receiving multiple signals	370/335
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66	US 5305349 A	19940419	24	Quantized coherent rake receiver	370/209

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58	329/316; 370/342; 375/329; 455/133	Brown; Tyler A. et al.
59	370/335; 375/349	Easton; Kenneth D.
60	370/203; 370/335; 370/344; 370/480; 455/17	Sawahashi; Mamoru et al.
61	370/350; 375/150	Dohi; Tomohiro et al.
62	370/350; 375/134	Ohlson; John et al.
63	370/335; 370/337; 375/296; 455/450; 455/501; 455/63.1	Dent; Paul W.
64	375/148; 375/267	Blakeney, II; Robert D. et al.
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66	370/342	Dent; Paul W.